



LONKING 龙工

CDM512D D SERIES SINGLE DRUM VIBRATORY ROLLERS

Efficiency Rules the Future



TECHNICAL PARAMETERS

	Name	Data
BASIC	Operating Weight	12000kg
	Weight Burden on Front Drum	6500 kg
	Weight Burden on Rear Wheel	5500 kg
	Min Ground Clearance(h)	422mm
	Wheelbase (L1)	3135mm
	Grade Ability	40%
	L×W1×H (mm)	5978×2280×3220
ENGINE	Manufacturer	DF Cummins
	Model	6BTA5.9-C150
	Displacement	5.9
	Fuel consumption	28.3L
	Rated Power	112 kW
	Rated Speed	2200 rpm
	Emissions Standard	Nation II
DRIVE TRAIN	Drive Type	Hydrostatic Drive
	Travel Speed Forward	0-10.8 km/h
	Travel Speed Reverse	0-10.8 km/h
	Tire Type	23.1-26 8PR
	Min.Turning Radius	6500 mm
	Steering Angle	30 °
	Swing Angle	10 °
VIBRATION SYSTEM	Width of Drum (W2)	2120 mm
	Diameter of Drum	1532 mm
	Rim Thickness of Drum	25 mm
	Static Linear Load	303N/cm
	Vibration Type	Close-loop Hydraulic Vibration
	Centrifugal Force	270/180 kN
	Vibration Frequency	30/36 Hz
Nominal Amplitude	1.8/0.9 mm	
BRAKE SYSTEM	Service Brake	Hydraulic Lock Front and Rear Brake
	Parking Brake	Oil Cut Front and Rear Wheel Brake
ELECTRIC	Voltage	24 V
	Capacity	120×2 Ah
SERVICE REFILL	Fuel Tank Capacity	280 L
	Hydraulic Tank Capacity	90 L

CONFIGURATION

DF Cummins Engine
Rexroth Hydraulic System
Dry-type Drive Axle
Close-loop Hydraulic Vibration System
ROPS/FOPS
Air Conditioner
Standard Steering System

OPTIONAL

Plateau Engine
Cold Start
Coated Cams
Pressure Measuring Tie-in

PRODUCT FEATURES

DCEC Cummins supercharged diesel engine with large coefficient of reserve power and lower oil consumption.
Front and rear wheel driving hydraulic system with four-speed CVT and strong gradeability.
Close-loop hydraulic system with variable frequency and amplitude, optimization of linear load and exciting force .
Vibratory steel drum made of high-strength material with well wear resistance and impress resistance.
Engine hood is opened backward through manual operation and oil cylinder booster , large space for repair and maintenance.
Brake system on front and rear wheels with oil cut-off device,making sure the safety of machine and operator.
Equipped with A/C system as standard to make operating environment comfortable.
Equipped with cam as optional , to be multipurpose.

The following blank can be used for notes or comments.

**For more information on Lonking products,
Please contact our local agent:**

- RATED POWER: 112kW/2200rpm
- OPERATING WEIGHT: 12000kg
- STATIC LINEAR LOAD: 303N/cm
- DRUM / TIRE LOAD: 6500/5500kg